



# Ignite by Hatch™ and Teaching Strategies GOLD Alignment



Social-Emotional	
TSG Objectives, Dimensions, and Levels	Ignite Domains, Strands Subdomains, and Skill Descriptors
1. Regulates own emotions and behaviors a. Manages feelings Level 2	Social-Emotional Development/Responding to Emotions/Level 1: Engages in breathing exercises to learn to calm self
1. Regulates own emotions and behaviors a. Manages feelings Level 12	Social-Emotional Development/Responsible Decision-Making/Level 9: Identifies examples of situations where self-management skills are important
1. Regulates own emotions and behaviors b. Follows limits and expectations Level 5	Physical Development/Health and Safety/Level 2: Identifies ways to play safely
1. Regulates own emotions and behaviors b. Follows limits and expectations Level 5	Physical Development/Health and Safety/Level 4: Applies knowledge and skills related to health promotion, disease prevention, and health maintenance
1. Regulates own emotions and behaviors b. Follows limits and expectations Level 5	Physical Development/Health and Safety/Level 5: Identifies, avoids, and alerts others to danger
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 4	Physical Development/Self-Care/Level 1: Identifies self-care routines and scenarios
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 5	Physical Development/Self-Care/Level 1: Identifies self-care routines and scenarios
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 5	Physical Development/Self-Care/Level 2: Identifies basic processes for self-care (handwashing, feeding, and toileting)
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 5	Physical Development/Self-Care/Level 3: Identifies objects needed for basic self-care activities
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 5	Physical Development/Self-Care/Level 4: Identifies steps of a morning routine
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 5	Physical Development/Self-Care/Level 6: Explores relaxing self-care activities

1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 5	Physical Development/Nutrition/Level 4: Creates healthy lunch and dinner menus
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 5	Physical Development/Nutrition/Level 5: Creates a shopping list with healthy foods
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 5	Physical Development/Health and Safety/Level 1: Demonstrates an understanding of personal safety practices and routines
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 5	Physical Development/Health and Safety/Level 3: Identifies behaviors that promote health and safety
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 6	Physical Development/Nutrition/Level 1: Identifies a variety of nutritious foods
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 6	Physical Development/Nutrition/Level 2: Identifies healthy versus unhealthy foods
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 7	Social-Emotional Development/Responsible Decision-Making/Level 4: Identifies examples of responsible decisions
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 8	Social-Emotional Development/Responsible Decision-Making/Level 5: Demonstrates an understanding of the importance of self-management skills
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 8	Physical Development/Self-Care/Level 5: Demonstrates an understanding of daily routine and self-care processes
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 8	Physical Development/Self-Care/Level 7: Practices deep breathing and reciting positive affirmations
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 8	Physical Development/Self-Care/Level 8: Explores appropriate self-care activity based on a given mood
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 9	Social-Emotional Development/Responsible Decision-Making/Level 6: Demonstrates an understanding of how personal feelings can influence individual actions
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 10	Social-Emotional Development/Responsible Decision-Making/Level 7: Describes how personal choices lead to actions and/or consequences
1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 10	Social-Emotional Development/Responsible Decision-Making/Level 10: Identifies strategies to engage in goal setting

1. Regulates own emotions and behaviors c. Takes care of own needs appropriately Level 12	Social-Emotional Development/Responsible Decision-Making/Level 8: Demonstrates an understanding of the importance of taking responsibility for one's actions
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 5	Social-Emotional Development/Identifying Emotions/Level 1: Identifies basic emotions (happy, sad, angry/mad, and scared)
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 5	Social-Emotional Development/Identifying Emotions/Level 3: Identifies more complex emotions (calm, surprised, embarrassed, and disappointed)
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 5	Social-Emotional Development/Responding to Emotions/Level 2: Identifies appropriate ways to respond to basic negative emotions (scared, mad, sad)
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 5	Social-Emotional Development/Responding to Emotions/Level 4: Identifies appropriate ways to respond to basic positive emotions (happy)
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 5	Social-Emotional Development/Responding to Emotions/Level 5: Identifies appropriate ways to respond to more complex negative emotions (embarrassed, disappointed, surprised)
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 5	Social-Emotional Development/Social Awareness/Level 5: Understands gratitude and identifies ways to express it
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 6	Social-Emotional Development/Identifying Emotions/Level 1: Identifies basic emotions (happy, sad, angry/mad, and scared)
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 6	Social-Emotional Development/Identifying Emotions/Level 2: Demonstrates causes of basic emotions
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 6	Social-Emotional Development/Identifying Emotions/Level 3: Identifies more complex emotions (calm, surprised, embarrassed, and disappointed)
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 6	Social-Emotional Development/Identifying Emotions/Level 4: Demonstrates causes of more complex emotions
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 6	Social-Emotional Development/Identifying Emotions/Level 5: Identifies a variety of facial expressions as they relate to basic emotions
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 6	Social-Emotional Development/Responding to Emotions/Level 3: Identifies appropriate ways to manage basic negative emotions (scared, mad, sad)
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 6	Social-Emotional Development/Solving Social Problems/Level 2: Identifies prosocial behaviors

2. Establishes and sustains positive relationships b. Responds to emotional cues Level 6	Social-Emotional Development/Social Awareness/Level 6: Demonstrates an understanding of the importance of caring about others
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 7	Social-Emotional Development/Responding to Emotions/Level 6: Identifies appropriate ways to manage more complex negative emotions (embarrassed, disappointed, surprised)
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 7	Social-Emotional Development/Responding to Emotions/Level 7: Identifies appropriate ways to respond to more complex positive emotions (calm, surprised)
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 8	Social-Emotional Development/Identifying Emotions/Level 4: Demonstrates causes of more complex emotions
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 8	Social-Emotional Development/Responding to Emotions/Level 8: Recognizes that others may have a different emotional response than their own
2. Establishes and sustains positive relationships b. Responds to emotional cues Level 12	Social-Emotional Development/Social Awareness/Level 8: Identifies personal actions that contribute to the common good
2. Establishes and sustains positive relationships c. Interacts with peers Level 10	Social-Emotional Development/Social Skills/Level 4: Demonstrates an understanding of positive social skills (kindness, cooperation, honesty, trustworthiness, etc.)
2. Establishes and sustains positive relationships d. Makes friends Level 8	Social-Emotional Development/Social Awareness/Level 7: Demonstrates an understanding of the importance of supporting their family, friends, school, and community.
3. Participates cooperatively and constructively in group situations a. Balances needs and rights of self and others Level 6	Social-Emotional Development/Social Skills/Level 5: Identifies the benefits of positive social skills (kindness, cooperation, honesty, trustworthiness, etc.)
3. Participates cooperatively and constructively in group situations a. Balances needs and rights of self and others Level 7	Social-Emotional Development/Social Skills/Level 6: Identifies personal actions that demonstrate positive social skills (kindness, cooperation, honesty, trustworthiness, etc.)
3. Participates cooperatively and constructively in group situations a. Balances needs and rights of self and others Level 8	Social-Emotional Development/Social Awareness/Level 7: Demonstrates an understanding of the importance of respect for others
3. Participates cooperatively and constructively in group situations a. Balances needs and rights of self and others Level 8	Social-Emotional Development/Social Skills/Level 11: Demonstrates an understanding of ways to respect others' privacy and personal space
3. Participates cooperatively and constructively in group situations a. Balances needs and rights of self and others Level 9	Social-Emotional Development/Social Skills/Level 8: Identifies personal actions that demonstrate respect for others
3. Participates cooperatively and constructively in group situations a. Balances needs and rights of self and others Level 10	Science and Technology/Engineering/Level 4: Identifies a problem or need and why it is important

3. Participates cooperatively and constructively in group situations b. Solves social problems Level 4	Social-Emotional Development/Solving Social Problems/Level 1: Recognizes social problems
3. Participates cooperatively and constructively in group situations b. Solves social problems Level 4	Social-Emotional Development/Solving Social Problems/Level 2: Identifies prosocial behaviors
3. Participates cooperatively and constructively in group situations b. Solves social problems Level 4	Social-Emotional Development/Solving Social Problems/Level 3: Identifies classroom routines and procedures that prevent social problems from occurring
3. Participates cooperatively and constructively in group situations b. Solves social problems Level 5	Social-Emotional Development/Solving Social Problems/Level 4: Identifies appropriate solutions for social problems involving basic emotions
3. Participates cooperatively and constructively in group situations b. Solves social problems Level 6	Social-Emotional Development/Solving Social Problems/Level 3: Identifies classroom routines and procedures that prevent social problems from occurring
3. Participates cooperatively and constructively in group situations b. Solves social problems Level 6	Social-Emotional Development/Solving Social Problems/Level 4: Identifies appropriate solutions for social problems involving basic emotions
3. Participates cooperatively and constructively in group situations b. Solves social problems Level 6	Social-Emotional Development/Solving Social Problems/Level 5: Identifies strategies for addressing own emotions in social problems
3. Participates cooperatively and constructively in group situations b. Solves social problems Level 8	Social-Emotional Development/Solving Social Problems/Level 5: Identifies strategies for addressing own emotions in social problems
3. Participates cooperatively and constructively in group situations b. Solves social problems Level 8	Social-Emotional Development/Solving Social Problems/Level 6: Applies strategies for solving social problems in familiar situations
3. Participates cooperatively and constructively in group situations b. Solves social problems Level 8	Social-Emotional Development/Social Awareness/Level 12: Demonstrates skills for conflict resolution
3. Participates cooperatively and constructively in group situations b. Solves social problems Level 10	Social-Emotional Development/Solving Social Problems/Level 7: Identifies appropriate solutions for social problems involving more complex emotions
3. Participates cooperatively and constructively in group situations b. Solves social problems Level 11	Social-Emotional Development/Solving Social Problems/Level 8: Applies strategies for solving social problems in new situations

## Physical

TSG Objectives, Dimensions, and Levels	Ignite Domains, Strands Subdomains, and Skill Descriptors
7. Demonstrates fine-motor strength and coordination a. Uses fingers and hands Level 6	Physical Development/Fine Motor/Level 6: Uses one finger to make small movements
7. Demonstrates fine-motor strength and coordination a. Uses fingers and hands Level 7	Physical Development/Fine Motor/Level 7: Uses fingers to manipulate small objects
7. Demonstrates fine-motor strength and coordination a. Uses fingers and hands Level 8	Physical Development/Fine Motor/Level 8: Uses fingers to manipulate, reposition, or resize small objects in that hand

## Language

TSG Objectives, Dimensions, and Levels	Ignite Domains, Strands Subdomains, and Skill Descriptors
8. Listens to and understands increasingly complex language a. Comprehends language Level 4	Language and Communication/Receptive Language/Level 1: Shows an understanding of basic words
8. Listens to and understands increasingly complex language a. Comprehends language Level 5	Language and Communication/Academic Vocabulary/Level 4: Applies an understanding of cross-curricular, prekindergarten-level Tier 2 words
8. Listens to and understands increasingly complex language a. Comprehends language Level 6	Language and Communication/Receptive Language/Level 2: Responds to "what" questions
8. Listens to and understands increasingly complex language a. Comprehends language Level 6	Language and Communication/Receptive Language/Level 3: Responds to "where" questions
8. Listens to and understands increasingly complex language a. Comprehends language Level 6	Language and Communication/Receptive Language/Level 5: Responds to "how" questions
8. Listens to and understands increasingly complex language a. Comprehends language Level 6	Language and Communication/Vocabulary/Level 3: Demonstrates an understanding of comparative adjectives
8. Listens to and understands increasingly complex language a. Comprehends language Level 7	Language and Communication/Listening and Understanding/Level 6: Attends to multiple details in directions
8. Listens to and understands increasingly complex language a. Comprehends language Level 7	Language and Communication/Receptive Language/Level 4: Demonstrates an understanding of complex and compound sentences
8. Listens to and understands increasingly complex language a. Comprehends language Level 8	Language and Communication/Vocabulary/Level 4: Demonstrates an understanding of common antonyms
8. Listens to and understands increasingly complex language a. Comprehends language Level 9	Language and Communication/Vocabulary/Level 5: Demonstrates an understanding of cross-curricular words
8. Listens to and understands increasingly complex language a. Comprehends language Level 9	Language and Communication/Vocabulary/Level 6: Demonstrates an understanding of basic multiple-meaning words
8. Listens to and understands increasingly complex language b. Follows directions Level 4	Language and Communication/Listening and Understanding/Level 1: Responds to one-step requests or questions
8. Listens to and understands increasingly complex language b. Follows directions Level 4	Language and Communication/Listening and Understanding/Level 2: Carries out a one-step request that relates to a new or an unfamiliar activity or situation

8. Listens to and understands increasingly complex language b. Follows directions Level 5	Language and Communication/Listening and Understanding/Level 4: Carries out two-step requests that involve a new or unfamiliar activity or situation
8. Listens to and understands increasingly complex language b. Follows directions Level 6	Language and Communication/Listening and Understanding/Level 3: Follows two-step, oral directions that relate to familiar activity or situation
8. Listens to and understands increasingly complex language b. Follows directions Level 8	Language and Communication/Listening and Understanding/Level 5: Carries out multistep requests that relate to familiar activities or situations
8. Listens to and understands increasingly complex language b. Follows directions Level 8	Language and Communication/Listening and Understanding/Level 6: Attends to multiple details in directions
8. Listens to and understands increasingly complex language b. Follows directions Level 8	Language and Communication/Listening and Understanding/Level 7: Carries out multistep directions with multiple details
8. Listens to and understands increasingly complex language b. Follows directions Level 9	Language and Communication/Listening and Understanding/Level 8: Carries out multistep directions with multiple details that involve a new or an unfamiliar activity or situation
9. Uses language to express thoughts and needs a. Uses an expanding expressive vocabulary Level 4	Language and Communication/Receptive Language/Level 1: Shows an understanding of basic words
9. Uses language to express thoughts and needs a. Uses an expanding expressive vocabulary Level 4	Language and Communication/Receptive Language/Level 3: Responds to "where" questions
9. Uses language to express thoughts and needs a. Uses an expanding expressive vocabulary Level 4	Language and Communication/Vocabulary/Level 1: Understands color words
9. Uses language to express thoughts and needs a. Uses an expanding expressive vocabulary Level 6	Language and Communication/Receptive Language/Level 2: Responds to "what" questions
9. Uses language to express thoughts and needs a. Uses an expanding expressive vocabulary Level 7	Language and Communication/Vocabulary/Level 2: Sorts words into categories
9. Uses language to express thoughts and needs a. Uses an expanding expressive vocabulary Level 7	Language and Communication/Vocabulary/Level 9: Sorts words into categories in order to understand the concepts the categories represent
9. Uses language to express thoughts and needs a. Uses an expanding expressive vocabulary Level 8	Language and Communication/Academic Vocabulary/Level 5: Applies an understanding of some cross-curricular, kindergarten-level Tier 2 words
9. Uses language to express thoughts and needs a. Uses an expanding expressive vocabulary Level 8	Language and Communication/Vocabulary/Level 8B: Identifies real-life connections between words and their uses



<p>9. Uses language to express thoughts and needs  a. Uses an expanding expressive vocabulary  Level 9</p>	<p>Language and Communication/Academic Vocabulary/Level 7: Applies an understanding of a range of cross-curricular, kindergarten-level Tier 2 words</p>
<p>9. Uses language to express thoughts and needs  a. Uses an expanding expressive vocabulary  Level 10</p>	<p>Language and Communication/Academic Vocabulary/Level 6: Applies an understanding of more cross-curricular, kindergarten-level Tier 2 words</p>
<p>9. Uses language to express thoughts and needs  a. Uses an expanding expressive vocabulary  Level 11</p>	<p>Language and Communication/Academic Vocabulary/Level 8: Applies an understanding of some cross-curricular, first-grade-level Tier 2 words</p>
<p>9. Uses language to express thoughts and needs  c. Uses conventional grammar  Level 8</p>	<p>Language and Communication/Conventions of Language/Level 3:  Demonstrates an understanding of regular plural nouns</p>
<p>9. Uses language to express thoughts and needs  c. Uses conventional grammar  Level 8</p>	<p>Language and Communication/Vocabulary/Level 7: Makes connections between shades of verbs and adjectives</p>
<p>9. Uses language to express thoughts and needs  c. Uses conventional grammar  Level 9</p>	<p>Language and Communication/Conventions of Language/Level 5:  Demonstrates an understanding of question words (who, what, where, when, why, how)</p>
<p>9. Uses language to express thoughts and needs  c. Uses conventional grammar  Level 9</p>	<p>Language and Communication/Vocabulary/Level 8A: Uses sentence-level context as a clue to the meaning of a word or phrase</p>
<p>9. Uses language to express thoughts and needs  c. Uses conventional grammar  Level 10</p>	<p>Language and Communication/Conventions of Language/Level 4:  Demonstrates an understanding of simple past, progressive present, and simple future verb tenses</p>
<p>9. Uses language to express thoughts and needs  c. Uses conventional grammar  Level 10</p>	<p>Language and Communication/Conventions of Language/Level 6:  Demonstrates an understanding of prepositions within sentences</p>
<p>9. Uses language to express thoughts and needs  c. Uses conventional grammar  Level 10</p>	<p>Language and Communication/Vocabulary/Level 12: Identify frequently occurring root words and their inflectional forms</p>
<p>9. Uses language to express thoughts and needs  c. Uses conventional grammar  Level 12</p>	<p>Language and Communication/Conventions of Language/Level 7:  Demonstrates an understanding of irregular plural nouns</p>
<p>9. Uses language to express thoughts and needs  c. Uses conventional grammar  Level 14</p>	<p>Language and Communication/Conventions of Language/Level 8:  Demonstrates an understanding of matching verbs to singular and plural nouns in basic sentences</p>

## Cognitive

TSG Objectives, Dimensions, and Levels	Ignite Domains, Strands Subdomains, and Skill Descriptors
11. Demonstrates positive approaches to learning a. Attends and engages Level 6	Social-Emotional Development/Self-Management/Level 4: Explores simple observations to make a prediction
11. Demonstrates positive approaches to learning b. Persists Level 4	Social-Emotional Development/Self-Management/Level 2: Explores using trial and error to complete an activity
11. Demonstrates positive approaches to learning b. Persists Level 8	Social-Emotional Development/Self-Management/Level 6: Uses persistence to complete an activity with unknown challenges
11. Demonstrates positive approaches to learning c. Solves problems Level 5	Social-Emotional Development/Self-Management/Level 7: Uses trial and error to solve a problem
11. Demonstrates positive approaches to learning c. Solves problems Level 6	Social-Emotional Development/Self-Management/Level 5: Uses persistence to engage in a challenging activity and asks for help when needed
11. Demonstrates positive approaches to learning c. Solves problems Level 8	Social-Emotional Development/Self-Management/Level 8: Uses problem-solving to create an activity using cause and effect
11. Demonstrates positive approaches to learning d. Shows curiosity and motivation Level 6	Social-Emotional Development/Self-Management/Level 3: Explores various materials to accomplish a goal
11. Demonstrates positive approaches to learning e. Shows flexibility and inventiveness in thinking Level 8	Science and Technology/Engineering/Level 6: Makes observations about a situation to define a simple problem that can be solved through the development or improvement of an object or tool
11. Demonstrates positive approaches to learning e. Shows flexibility and inventiveness in thinking Level 8	Science and Technology/Engineering/Level 8: Analyzes data from the tests of two objects to compare the strengths and weaknesses of each object
11. Demonstrates positive approaches to learning e. Shows flexibility and inventiveness in thinking Level 10	Science and Technology/Earth Science/Level 7: Makes a model to show the relationship between the needs of different plants or animals (including humans) and the places they live
12. Remembers and connects experiences b. Makes connections Level 3	Physical Development/Self-Care/Level 1: Identifies self-care routines and scenarios
12. Remembers and connects experiences b. Makes connections Level 4	Physical Development/Self-Care/Level 2: Identifies basic processes for self-care (handwashing, feeding, and toileting)
12. Remembers and connects experiences b. Makes connections Level 4	Physical Development/Self-Care/Level 4: Identifies steps of a morning routine

12. Remembers and connects experiences b. Makes connections Level 4	Language and Communication/Listening and Understanding/Level 1: Responds to one-step requests or questions
12. Remembers and connects experiences b. Makes connections Level 5	Physical Development/Self-Care/Level 3: Identifies objects needed for basic self-care activities
13. Uses classification skills Level 2	Mathematics/Math Applications/Classification and Data/Level 3: Matches similar objects
13. Uses classification skills Level 4	Mathematics/Math Applications/Classification and Data/Level 4: Identifies objects given two attributes
13. Uses classification skills Level 4	Language and Communication/Vocabulary/Level 2: Sorts words into categories
13. Uses classification skills Level 7	Mathematics/Math Applications/Classification and Data/Level 5: Sorts objects based on two attributes
14. Uses symbols and images to represent something not present a. Thinks symbolically Level 6	Social Studies/Self-Identity/Level 1: Draws a self-portrait
14. Uses symbols and images to represent something not present a. Thinks symbolically Level 6	Social Studies/Self-Identity/Level 2: Draws a picture of their home
14. Uses symbols and images to represent something not present a. Thinks symbolically Level 6	Social Studies/Self-Identity/Level 3: Draws a picture that resembles their family
14. Uses symbols and images to represent something not present a. Thinks symbolically Level 6	Social Studies/Self-Identity/Level 5: Draws a self-portrait with at least one characteristic or interest included
14. Uses symbols and images to represent something not present a. Thinks symbolically Level 6	Social Studies/Self-Identity/Level 6: Draws a picture resembling their family, including interests or traditions of the family
14. Uses symbols and images to represent something not present a. Thinks symbolically Level 6	Social Studies/Self-Identity/Level 7: Draws a picture of their home that includes family-specific details
14. Uses symbols and images to represent something not present a. Thinks symbolically Level 8	Social Studies/Self-Identity/Level 8A: Draws a picture of themselves engaged in an activity, tradition, sport, or hobby
14. Uses symbols and images to represent something not present a. Thinks symbolically Level 10	Social Studies/Community Awareness/Level 1: Draws a picture of a neighborhood

## Literacy

TSG Objectives, Dimensions, and Levels	Ignite Domains, Strands Subdomains, and Skill Descriptors
15. Demonstrates phonological awareness, phonics skills, and word recognition a. Notices and discriminates rhyme Level 2	Literacy/Phonological Awareness/Rhyming/Level 1: Listens to a variety of rhymes (songs, chants, etc.)
15. Demonstrates phonological awareness, phonics skills, and word recognition a. Notices and discriminates rhyme Level 5	Literacy/Phonological Awareness/Rhyming/Level 2: Determines if two words rhyme
15. Demonstrates phonological awareness, phonics skills, and word recognition a. Notices and discriminates rhyme Level 6	Literacy/Phonological Awareness/Rhyming/Level 3: Matches rhyming words
15. Demonstrates phonological awareness, phonics skills, and word recognition a. Notices and discriminates rhyme Level 6	Literacy/Phonological Awareness/Rhyming/Level 4: Determines which word does not rhyme
15. Demonstrates phonological awareness, phonics skills, and word recognition a. Notices and discriminates rhyme Level 6	Literacy/Phonological Awareness/Rhyming/Level 5: Sorts words by rhyme
15. Demonstrates phonological awareness, phonics skills, and word recognition a. Notices and discriminates rhyme Level 8	Literacy/Phonological Awareness/Rhyming/Level 6: Fills in rhyming words
15. Demonstrates phonological awareness, phonics skills, and word recognition b. Notices and discriminates alliteration Level 2	Literacy/Phonological Awareness/Alliteration/Level 1: Listens to songs and chants that have repeating initial sounds
15. Demonstrates phonological awareness, phonics skills, and word recognition b. Notices and discriminates alliteration Level 4	Literacy/Phonological Awareness/Alliteration/Level 2: Recognizes when groups of words begin with the same onset
15. Demonstrates phonological awareness, phonics skills, and word recognition b. Notices and discriminates alliteration Level 4	Literacy/Phonological Awareness/Alliteration/Level 3: Distinguishes if two words start with the same onset
15. Demonstrates phonological awareness, phonics skills, and word recognition b. Notices and discriminates alliteration Level 6	Literacy/Phonological Awareness/Alliteration/Level 4: Isolates the onset in words

15. Demonstrates phonological awareness, phonics skills, and word recognition b. Notices and discriminates alliteration Level 6	Literacy/Phonological Awareness/Alliteration/Level 5: Sorts words by onset
15. Demonstrates phonological awareness, phonics skills, and word recognition b. Notices and discriminates alliteration Level 6	Literacy/Phonological Awareness/Alliteration/Level 6: Sorts words with initial diagraphs by onset
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 2	Literacy/Phonological Awareness/Segmenting/Level 1: Identifies separate words within a sentence
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 3	Literacy/Phonological Awareness/Blending/Level 2: Adds a missing word to form a compound word
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 3	Literacy/Phonological Awareness/Segmenting/Level 2: Segments compound words into two words
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 4	Literacy/Phonological Awareness/Blending/Level 1: Combines two words to make a compound word
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 4	Literacy/Phonological Awareness/Blending/Level 3: Combines syllables to form words
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 4	Literacy/Phonological Awareness/Segmenting/Level 3: Deletes a word from a compound word
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 4	Literacy/Phonological Awareness/Segmenting/Level 4: Segments words into syllables
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 5	Literacy/Phonological Awareness/Blending/Level 4: Blends onsets and rimes to make one-syllable words

15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 6	Literacy/Phonological Awareness/Segmenting/Level 5: Explores segmenting simple words into individual phonemes
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 7	Literacy/Phonological Awareness/Blending/Level 5: Blends phonemes to form simple words
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 7	Literacy/Phonological Awareness/Blending/Level 6: Blends phonemes to form simple words quickly
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 7	Literacy/Phonological Awareness/Segmenting/Level 6: Isolates final sounds in CVC words
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 7	Literacy/Reading/High-Frequency Words/Level 6: Identifies the following sight words: the, can, is, a, I, see, on, he, she, at
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 8	Literacy/Phonological Awareness/Blending/Level 7: Blends phonemes to form a one-syllable word with consonant digraphs
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 8	Literacy/Phonological Awareness/Segmenting/Level 7: Isolates medial vowel sounds in CVC words (short vowels only)
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 8	Literacy/Phonological Awareness/Phoneme Manipulation/Level 6A: Adds an initial phoneme to a given word to create a new word
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 8	Literacy/Phonological Awareness/Phoneme Manipulation/Level 6B: Adds a final phoneme to a given word to create a new word
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 8	Literacy/Phonological Awareness/Phoneme Manipulation/Level 6C: Adds a medial phoneme to a word to create a new word

15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 8	Literacy/Phonological Awareness/Phoneme Manipulation/Level 7B: Deletes a final phoneme from a given word to create a new word
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 8	Literacy/Phonological Awareness/Phoneme Manipulation/Level 7C: Deletes a medial phoneme from a word to create a new word
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 8	Literacy/Phonological Awareness/Phoneme Manipulation/Level 8A: Substitutes an initial phoneme in a given word to create a new word
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 8	Literacy/Phonological Awareness/Phoneme Manipulation/Level 8B: Substitutes a final phoneme in a given word to create a new word
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 8	Literacy/Phonological Awareness/Phoneme Manipulation/Level 8C: Substitutes a medial phoneme in a word to create a new word
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 8	Literacy/Reading/High-Frequency Words/Level 7: Identifies the following sight words: to, in, you, it, was, that, his, and, for, are
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 9	Literacy/Phonological Awareness/Segmenting/Level 8: Identifies consonants that are combined to form a consonant blend
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 9	Literacy/Reading/High-Frequency Words/Level 8: Identifies the following sight words: of, with, they, be, this, have, from, we, look, my
15. Demonstrates phonological awareness, phonics skills, and word recognition c. Notices and discriminates discrete units of sound Level 10	Literacy/Phonological Awareness/Blending/Level 8: Blends phonemes to form one-syllable words with consonant blends
15. Demonstrates phonological awareness, phonics skills, and word recognition d. Applies phonics concepts and knowledge of word structure to decode text Level 6	Literacy/Phonics/Decoding/Level 6: Decodes CVC words with short vowel sounds

15. Demonstrates phonological awareness, phonics skills, and word recognition d. Applies phonics concepts and knowledge of word structure to decode text Level 7	Literacy/Phonics/Decoding/Level 7: Decodes CCVC words with consonant diagraphs
15. Demonstrates phonological awareness, phonics skills, and word recognition d. Applies phonics concepts and knowledge of word structure to decode text Level 7	Literacy/Phonics/Decoding/Level 12: Reads grade-appropriate irregularly spelled words
15. Demonstrates phonological awareness, phonics skills, and word recognition d. Applies phonics concepts and knowledge of word structure to decode text Level 9	Literacy/Phonics/Decoding/Level 8: Decodes CVCe words with long vowel sounds
16. Demonstrates knowledge of the alphabet a. Identifies and names letters Level 1	Literacy/Phonics/Alphabet Knowledge/Level 2: Listens to alphabet chants and songs
16. Demonstrates knowledge of the alphabet a. Identifies and names letters Level 2	Literacy/Phonics/Alphabet Knowledge/Level 3: Recognizes 10 uppercase letters
16. Demonstrates knowledge of the alphabet a. Identifies and names letters Level 5	Literacy/Phonics/Alphabet Knowledge/Level 4: Recognizes 18 uppercase and 15 lowercase letters
16. Demonstrates knowledge of the alphabet a. Identifies and names letters Level 6	Literacy/Phonics/Alphabet Knowledge/Level 4: Recognizes 18 uppercase and 15 lowercase letters
16. Demonstrates knowledge of the alphabet a. Identifies and names letters Level 7	Literacy/Phonics/Alphabet Knowledge/Level 4: Recognizes 18 uppercase and 15 lowercase letters
16. Demonstrates knowledge of the alphabet a. Identifies and names letters Level 7	Literacy/Phonics/Alphabet Knowledge/Level 5: Recognizes 26 uppercase and 20 lowercase letters
16. Demonstrates knowledge of the alphabet a. Identifies and names letters Level 8	Literacy/Phonics/Alphabet Knowledge/Level 6: Identifies all 26 uppercase and lowercase letters
16. Demonstrates knowledge of the alphabet a. Identifies and names letters Level 8	Literacy/Phonics/Alphabet Knowledge/Level 7: Rapidly identifies all 26 uppercase and lowercase letters
16. Demonstrates knowledge of the alphabet b. Identifies letter-sound correspondences Level 2	Literacy/Phonics/Letter-Sound Correspondence/Level 3: Identifies less than 10 letters based on their sounds



16. Demonstrates knowledge of the alphabet b. Identifies letter-sound correspondences Level 4	Literacy/Phonics/Letter-Sound Correspondence/Level 4: Identifies 10 uppercase letters based on their sounds
16. Demonstrates knowledge of the alphabet b. Identifies letter-sound correspondences Level 5	Literacy/Phonics/Letter-Sound Correspondence/Level 5: Identifies 15 uppercase and 10 lowercase letters based on their sounds
16. Demonstrates knowledge of the alphabet b. Identifies letter-sound correspondences Level 6	Literacy/Phonics/Letter-Sound Correspondence/Level 6: Identifies all uppercase and 20 lowercase letters based on their sounds
16. Demonstrates knowledge of the alphabet b. Identifies letter-sound correspondences Level 8	Literacy/Phonics/Letter-Sound Correspondence/Level 7: Identifies all 26 uppercase and lowercase letters based on their sounds
16. Demonstrates knowledge of the alphabet b. Identifies letter-sound correspondences Level 9	Literacy/Phonics/Letter-Sound Correspondence/Level 8: Identifies vowels based on long vowel sounds
17. Demonstrates knowledge of print and its uses a. Uses and appreciates books and other texts Level 3	Literacy/Reading/Concepts of Print/Level 1: Identifies appropriate book orientation
17. Demonstrates knowledge of print and its uses a. Uses and appreciates books and other texts Level 5	Literacy/Reading/Concepts of Print/Level 4: Identifies book parts and features
17. Demonstrates knowledge of print and its uses a. Uses and appreciates books and other texts Level 7	Literacy/Reading/Craft and Structure/Level 8: Names the author and illustrator of a text and defines the role of each
17. Demonstrates knowledge of print and its uses a. Uses and appreciates books and other texts Level 8	Literacy/Reading/Craft and Structure/Level 7: Recognizes common types of texts
17. Demonstrates knowledge of print and its uses a. Uses and appreciates books and other texts Level 10	Literacy/Reading/Concepts of Print/Level 8: Identifies features of nonfiction texts
17. Demonstrates knowledge of print and its uses a. Uses and appreciates books and other texts Level 12	Literacy/Reading/Craft and Structure/Level 12: Uses various text features (e.g. headings, glossaries, tables of contents) to locate key facts or information in a text
17. Demonstrates knowledge of print and its uses b. Uses print concepts Level 2	Literacy/Reading/Concepts of Print/Level 2: Distinguishes print from pictures
17. Demonstrates knowledge of print and its uses b. Uses print concepts Level 4	Literacy/Reading/Concepts of Print/Level 3: Demonstrates an understanding of print directionality
17. Demonstrates knowledge of print and its uses b. Uses print concepts Level 5	Literacy/Reading/Concepts of Print/Level 6: Distinguishes between uppercase and lowercase letters

17. Demonstrates knowledge of print and its uses b. Uses print concepts Level 6	Literacy/Reading/Concepts of Print/Level 5: Distinguishes letters from words
17. Demonstrates knowledge of print and its uses b. Uses print concepts Level 7	Literacy/Reading/Concepts of Print/Level 7: Tracks written text along with spoken text
18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 3	Literacy/Listening Comprehension/Key Ideas and Details/Level 1: Listens to fictional texts with simple details and story elements
18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 3	Literacy/Listening Comprehension/Key Ideas and Details/Level 2: Listens to nonfiction texts with simple structures and elements
18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 3	Literacy/Listening Comprehension/Key Ideas and Details/Level 3: Identifies the main character(s) in a story
18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 3	Literacy/Listening Comprehension/Key Ideas and Details/Level 4: Recalls key details from a story
18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 3	Literacy/Listening Comprehension/Key Ideas and Details/Level 5: Recalls the order of events in a story
18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 4	Literacy/Reading/Comprehension - Fiction/Level 5: Interacts during a read-aloud with call and response or movements
18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 4	Literacy/Reading/Comprehension - Fiction/Level 6: Answers simple recall questions about a text with short, predictable sentences that directly relate to illustrations
18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 4	Literacy/Reading/Comprehension - Nonfiction/Level 6: Answers simple recall questions about texts with short, predictable sentences that directly relate to illustrations
18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 5	Literacy/Reading/Comprehension - Fiction/Level 7: Recalls the order of events after reading a text

18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 5	Literacy/Reading/Comprehension - Nonfiction/Level 7: Demonstrates an understanding of content-specific vocabulary used in a text
18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 8	Literacy/Listening Comprehension/Key Ideas and Details/Level 7: Makes text-to-text connections
18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 8	Literacy/Reading/Comprehension - Fiction/Level 8: Makes simple predictions and inferences about a text
18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 8	Literacy/Reading/Integration of Knowledge and Ideas/Level 6: Describes the relationship between illustrations and a story
18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 8	Literacy/Reading/Integration of Knowledge and Ideas/Level 7: Compares and contrasts the experiences of characters in a story
18. Comprehends and responds to books and other texts a. Interacts during reading experiences, book conversations, and text reflections Level 10	Literacy/Reading/Integration of Knowledge and Ideas/Level 12: Identifies similarities and differences between two texts on the same topic
18. Comprehends and responds to books and other texts c. Retells stories and recounts details from informational texts Level 3	Literacy/Listening Comprehension/Key Ideas and Details/Level 5: Recalls the order of events in a story
18. Comprehends and responds to books and other texts c. Retells stories and recounts details from informational texts Level 6	Literacy/Reading/Comprehension - Nonfiction/Level 8: Recalls the order of procedures after reading a procedural text
18. Comprehends and responds to books and other texts c. Retells stories and recounts details from informational texts Level 8	Literacy/Listening Comprehension/Key Ideas and Details/Level 6: Recalls several facts from expository text
18. Comprehends and responds to books and other texts c. Retells stories and recounts details from informational texts Level 8	Literacy/Listening Comprehension/Key Ideas and Details/Level 8: Draws a picture to summarize text and labels key details
18. Comprehends and responds to books and other texts c. Retells stories and recounts details from informational texts Level 8	Literacy/Phonological Awareness/Phoneme Manipulation/Level 7A: Deletes an initial phoneme from a given word to create a new word
18. Comprehends and responds to books and other texts c. Retells stories and recounts details from informational texts Level 8	Literacy/Reading/Integration of Knowledge and Ideas/Level 8: Describes the characters, setting, or events in a story using illustrations and/or details

18. Comprehends and responds to books and other texts d. Uses context clues to read and comprehend texts Level 2	Literacy/Reading/Craft and Structure/Level 6: Answers questions about words in a text
18. Comprehends and responds to books and other texts d. Uses context clues to read and comprehend texts Level 6	Language and Communication/Vocabulary/Level 10: Use frequently occurring prefixes as a clue to the meaning of a word
18. Comprehends and responds to books and other texts d. Uses context clues to read and comprehend texts Level 6	Language and Communication/Vocabulary/Level 11: Use frequently occurring suffixes as a clue to the meaning of a word
19. Demonstrates writing skills a. Writes name Level 8	Literacy/Writing/Writing Development/Level 5: Writes letter strings with spaces
19. Demonstrates writing skills a. Writes name Level 9	Literacy/Writing/Writing Development/Level 5: Writes letter strings with spaces
19. Demonstrates writing skills b. Writes to convey meaning Level 1	Literacy/Writing/Writing Development/Level 1: Makes scribble marks
19. Demonstrates writing skills b. Writes to convey meaning Level 2	Literacy/Writing/Writing Development/Level 2: Draws pictures to convey meaning
19. Demonstrates writing skills b. Writes to convey meaning Level 2	Literacy/Writing/Writing Development/Level 3: Writes shape-like symbols
19. Demonstrates writing skills b. Writes to convey meaning Level 8	Literacy/Writing/Writing Development/Level 4: Writes letter strings
19. Demonstrates writing skills c. Writes using conventions Level 2	Literacy/Writing/Writing Development/Level 6: Labels a picture with at least the initial sound
19. Demonstrates writing skills c. Writes using conventions Level 2	Literacy/Writing/Writing Development/Level 7: Uses invented or phonetic spelling
19. Demonstrates writing skills c. Writes using conventions Level 2	Literacy/Writing/Writing Development/Level 8: Uses capital letters at the beginning of a sentence and ending punctuation

## Mathematics

TSG Objectives, Dimensions, and Levels	Ignite Domains, Strands Subdomains, and Skill Descriptors
20. Uses number concepts and operations a. Counts Level 1	Mathematics/Counting and Cardinality/Number Sequencing/Level 1: Listens to number chants and songs
20. Uses number concepts and operations a. Counts Level 2	Mathematics/Counting and Cardinality/Number Sequencing/Level 8A: Names the number that comes before or after 11-20
20. Uses number concepts and operations a. Counts Level 3	Mathematics/Counting and Cardinality/Comparing Quantities/Level 1: Places objects into a set structure that forces one-to-one correspondence
20. Uses number concepts and operations a. Counts Level 3	Mathematics/Counting and Cardinality/Set Counting/Level 1: Touches one object for each number said for sets up to 5
20. Uses number concepts and operations a. Counts Level 4	Mathematics/Counting and Cardinality/Comparing Quantities/Level 2: Pairs objects using one-to-one correspondence to compare two sets
20. Uses number concepts and operations a. Counts Level 4	Mathematics/Counting and Cardinality/Set Counting/Level 2: Counts up to 5 objects
20. Uses number concepts and operations a. Counts Level 4	Mathematics/Operations and Algebraic Thinking/Addition/Level 3: Finds the total when given a word problem or scenario by directly modeling the problem with objects and counting all the objects when the sum is 6 or less
20. Uses number concepts and operations a. Counts Level 5	Mathematics/Counting and Cardinality/Set Counting/Level 6: Counts sets of up to 20 objects
20. Uses number concepts and operations a. Counts Level 5	Mathematics/Operations and Algebraic Thinking/Addition/Level 4: Finds the total when given a word problem or scenario by directly modeling the problem with objects and counting all the objects when the sum is 8 or less
20. Uses number concepts and operations a. Counts Level 5	Mathematics/Operations and Algebraic Thinking/Addition/Level 5: Finds the total by counting on from the first addend with sums up to 10
20. Uses number concepts and operations a. Counts Level 6	Mathematics/Counting and Cardinality/Number Sequencing/Level 5: Identifies the number that comes before or after a number between 0 and 10
20. Uses number concepts and operations a. Counts Level 6	Mathematics/Counting and Cardinality/Set Counting/Level 3: Counts up to 10 objects

20. Uses number concepts and operations a. Counts Level 8	Mathematics/Counting and Cardinality/Number Sequencing/Level 8B: Counts to 100 by tens
20. Uses number concepts and operations a. Counts Level 8	Mathematics/Counting and Cardinality/Set Counting/Level 8: Counts sets of up to 30 objects
20. Uses number concepts and operations a. Counts Level 9	Mathematics/Counting and Cardinality/Number Sequencing/Level 8C: Counts beyond 100 starting at any number
20. Uses number concepts and operations b. Quantifies Level 3	Mathematics/Counting and Cardinality/Comparing Quantities/Level 2: Pairs objects using one-to-one correspondence to compare two sets
20. Uses number concepts and operations b. Quantifies Level 3	Mathematics/Counting and Cardinality/Subitizing/Level 1: Matches small sets of 1-3 objects
20. Uses number concepts and operations b. Quantifies Level 3	Mathematics/Counting and Cardinality/Subitizing/Level 2: Makes a small collection to match the same number as another collection that was shown quickly (no more than 4)
20. Uses number concepts and operations b. Quantifies Level 3	Mathematics/Counting and Cardinality/Subitizing/Level 3: Instantly recognizes collections up to 4 in typical arrangements (perceptual subitizing)
20. Uses number concepts and operations b. Quantifies Level 3	Mathematics/Counting and Cardinality/Subitizing/Level 4: Instantly recognizes collections up to 4 in random arrangements (perceptual subitizing)
20. Uses number concepts and operations b. Quantifies Level 3	Mathematics/Counting and Cardinality/Subitizing/Level 5: Instantly recognizes collections up to 5 (perceptual subitizing)
20. Uses number concepts and operations b. Quantifies Level 3	Mathematics/Counting and Cardinality/Subitizing/Level 6: Instantly recognizes collections up to 5 when collections contains two colors (conceptual subitizing)
20. Uses number concepts and operations b. Quantifies Level 4	Mathematics/Counting and Cardinality/Comparing Quantities/Level 3: Correctly chooses the set of objects that has more or less when shown two sets that vary greatly in quantity
20. Uses number concepts and operations b. Quantifies Level 4	Mathematics/Counting and Cardinality/Comparing Quantities/Level 4: Counts sets of up to five objects to compare
20. Uses number concepts and operations b. Quantifies Level 5	Mathematics/Counting and Cardinality/Comparing Quantities/Level 5: Counts sets of up to 10 objects to compare when objects are the same or different sizes
20. Uses number concepts and operations b. Quantifies Level 5	Mathematics/Counting and Cardinality/Set Counting/Level 4: Produces sets of up to 5 objects

20. Uses number concepts and operations b. Quantifies Level 5	Mathematics/Counting and Cardinality/Set Counting/Level 5: Produces sets of up to 10 objects
20. Uses number concepts and operations b. Quantifies Level 5	Mathematics/Operations and Algebraic Thinking/Addition/Level 3: Finds the total when given a word problem or scenario by directly modeling the problem with objects and counting all the objects when the sum is 6 or less
20. Uses number concepts and operations b. Quantifies Level 5	Mathematics/Operations and Algebraic Thinking/Addition/Level 4: Finds the total when given a word problem or scenario by directly modeling the problem with objects and counting all the objects when the sum is 8 or less
20. Uses number concepts and operations b. Quantifies Level 5	Mathematics/Operations and Algebraic Thinking/Addition/Level 5: Finds the total by counting on from the first addend with sums up to 10
20. Uses number concepts and operations b. Quantifies Level 6	Mathematics/Counting and Cardinality/Comparing Quantities/Level 6: Determines "how many" more are in the larger set when provided sets with up to 10 objects
20. Uses number concepts and operations b. Quantifies Level 7	Mathematics/Operations and Algebraic Thinking/Addition/Level 7: Determines the missing addend by adding on objects (e.g., you have five balls and then get some more. Now you have seven in all. How many did you get?)
20. Uses number concepts and operations b. Quantifies Level 7	Mathematics/Operations and Algebraic Thinking/Subtraction/Level 7: Determines how many were taken away when given the starting total and the ending total (You had 8 cookies and gave some to your friend. Now you have 5 cookies. How many did you give to your friend?)
20. Uses number concepts and operations b. Quantifies Level 8	Mathematics/Counting and Cardinality/Comparing Quantities/Level 8: Generates sets that are greater or less than a given number up to 20
20. Uses number concepts and operations b. Quantifies Level 8	Mathematics/Counting and Cardinality/Set Counting/Level 7: Produces sets of up to 20 objects
20. Uses number concepts and operations c. Connects numerals with their quantities Level 2	Mathematics/Counting & Cardinality/Numeral Writing/Level 3: Distinguishes between numbers and letters
20. Uses number concepts and operations c. Connects numerals with their quantities Level 4	Mathematics/Counting and Cardinality/Number Sequencing/Level 3: Recognizes numerals 0-5
20. Uses number concepts and operations c. Connects numerals with their quantities Level 4	Mathematics/Counting and Cardinality/Set Counting/Level 4: Produces sets of up to 5 objects
20. Uses number concepts and operations c. Connects numerals with their quantities Level 4	Mathematics/Counting and Cardinality/Subitizing/Level 5: Instantly recognizes collections up to 5 (perceptual subitizing)

20. Uses number concepts and operations c. Connects numerals with their quantities Level 4	Mathematics/Counting and Cardinality/Subitizing/Level 6: Instantly recognizes collections up to 5 when collections contains two colors (conceptual subitizing)
20. Uses number concepts and operations c. Connects numerals with their quantities Level 5	Mathematics/Counting and Cardinality/Number Sequencing/Level 2: Orders quantities 0-5
20. Uses number concepts and operations c. Connects numerals with their quantities Level 5	Mathematics/Operations and Algebraic Thinking/Addition/Level 3: Finds the total when given a word problem or scenario by directly modeling the problem with objects and counting all the objects when the sum is 6 or less
20. Uses number concepts and operations c. Connects numerals with their quantities Level 5	Mathematics/Operations and Algebraic Thinking/Addition/Level 4: Finds the total when given a word problem or scenario by directly modeling the problem with objects and counting all the objects when the sum is 8 or less
20. Uses number concepts and operations c. Connects numerals with their quantities Level 5	Mathematics/Operations and Algebraic Thinking/Addition/Level 5: Finds the total by counting on from the first addend with sums up to 10
20. Uses number concepts and operations c. Connects numerals with their quantities Level 6	Mathematics/Counting and Cardinality/Number Sequencing/Level 4: Recognizes numerals 0-10
20. Uses number concepts and operations c. Connects numerals with their quantities Level 6	Mathematics/Counting & Cardinality/Numeral Writing/Level 6: Labels sets of up to 10 with a written numeral
20. Uses number concepts and operations c. Connects numerals with their quantities Level 6	Mathematics/Counting and Cardinality/Subitizing/Level 7: Instantly recognizes collections up to 10 that are made by combining two smaller groupers (conceptual subitizing)
20. Uses number concepts and operations c. Connects numerals with their quantities Level 7	Mathematics/Counting & Cardinality/Numeral Writing/Level 4: Writes numerals 0-5
20. Uses number concepts and operations c. Connects numerals with their quantities Level 7	Mathematics/Counting & Cardinality/Numeral Writing/Level 5: Writes numerals 0-10
20. Uses number concepts and operations c. Connects numerals with their quantities Level 7	Mathematics/Counting and Cardinality/Set Counting/Level 5: Produces sets of up to 10 objects
20. Uses number concepts and operations c. Connects numerals with their quantities Level 8	Mathematics/Counting and Cardinality/Comparing Quantities/Level 7: Counts sets of up to 20 objects to compare when objects are the same size
20. Uses number concepts and operations c. Connects numerals with their quantities Level 8	Mathematics/Counting and Cardinality/Number Sequencing/Level 7: Recognizes 11-20



20. Uses number concepts and operations c. Connects numerals with their quantities Level 8	Mathematics/Counting & Cardinality/Numeral Writing/Level 7: Writes numerals 11–20
20. Uses number concepts and operations c. Connects numerals with their quantities Level 8	Mathematics/Counting & Cardinality/Numeral Writing/Level 8A: Labels sets of up to 20 with a written numeral
20. Uses number concepts and operations c. Connects numerals with their quantities Level 9	Mathematics/Counting & Cardinality/Numeral Writing/Level 8B: Writes two-digit numerals up to 100
20. Uses number concepts and operations c. Connects numerals with their quantities	Mathematics/Counting and Cardinality/Number Sequencing/Level 6: Orders numerals 0 to 10 forward and backward
20. Uses number concepts and operations c. Connects numerals with their quantities Level 7	Mathematics/Counting and Cardinality/Subitizing/Level 8: Instantly recognizes collections up to 20 shown in tens frames (conceptual subitizing)
20. Uses number concepts and operations e. Applies properties of mathematical operations and relationships Level 3	Mathematics/Operations and Algebraic Thinking/Addition/Level 8B: Finds the total when given a word problem by modeling with manipulatives and then writing the corresponding equation
20. Uses number concepts and operations e. Applies properties of mathematical operations and relationships Level 3	Mathematics/Operations & Algebraic Thinking/Subtraction/Level 8B: Finds the difference when given a word problem by modeling with manipulatives and writing the corresponding equation
20. Uses number concepts and operations e. Applies properties of mathematical operations and relationships Level 4	Mathematics/Counting & Cardinality/Composing/Level 8B: Writes the composition of two numbers totaling 11–20 as an equation
20. Uses number concepts and operations e. Applies properties of mathematical operations and relationships Level 4	Mathematics/Counting & Cardinality/Decomposing/Level 8B: Writes the decomposition of two numbers totaling 11–20 as an equation
20. Uses number concepts and operations e. Applies properties of mathematical operations and relationships Level 4	Mathematics/Operations and Algebraic Thinking/Addition/Level 8A: Finds the total when given a word problem by modeling with manipulatives when the sum is 15 or less (manipulatives are not a direct representation of the objects in the word problems)
20. Uses number concepts and operations e. Applies properties of mathematical operations and relationships Level 4	Mathematics/Operations and Algebraic Thinking/Subtraction/Level 8A: Finds the difference when given a word problem by modeling with manipulatives when the whole is 15 or less (manipulatives are not a direct representation of the objects in the word problems)
20. Uses number concepts and operations e. Applies properties of mathematical operations and relationships Level 4	Mathematics/Operations and Algebraic Thinking/Subtraction/Level 12: Subtracts fluently within 20.
20. Uses number concepts and operations e. Applies properties of mathematical operations and relationships Level 4	Mathematics/Operations and Algebraic Thinking/Addition/Level 11: Adds using properties of operations (commutative and associative properties of addition)
20. Uses number concepts and operations e. Applies properties of mathematical operations and relationships Level 4	Mathematics/Operations and Algebraic Thinking/Addition/Level 12: Adds fluently within 20.

20. Uses number concepts and operations f. Applies number combinations and mental number strategies in mathematical operations Level 3	Mathematics/Counting and Cardinality/Composing/Level 6: Identifies the missing part to complete wholes up to 5
20. Uses number concepts and operations f. Applies number combinations and mental number strategies in mathematical operations Level 3	Mathematics/Counting and Cardinality/Decomposing/Level 6: Given the whole (up to 5), identifies two parts that can be used to create the whole
20. Uses number concepts and operations f. Applies number combinations and mental number strategies in mathematical operations Level 4	Mathematics/Counting and Cardinality/Composing/Level 7: Identifies the missing part to complete wholes up to 10
20. Uses number concepts and operations f. Applies number combinations and mental number strategies in mathematical operations Level 4	Mathematics/Counting and Cardinality/Decomposing/Level 7: Given the whole (up to 10), identifies two parts that can be used to create the whole
20. Uses number concepts and operations f. Applies number combinations and mental number strategies in mathematical operations Level 4	Mathematics/Operations and Algebraic Thinking/Addition/Level 6: Given a set of objects, adds on to the set to make a given total (e.g., there are four bears and the child is asked to make there be seven; the child adds three more bears)
20. Uses number concepts and operations f. Applies number combinations and mental number strategies in mathematical operations Level 4	Mathematics/Operations and Algebraic Thinking/Subtraction/Level 6: Given a set of objects, takes away from the set to make a given total (i.e. there are 6 bears and the child is asked to make there be 3; child takes away three bears)
20. Uses number concepts and operations f. Applies number combinations and mental number strategies in mathematical operations Level 8	Mathematics/Counting and Cardinality/Composing/Level 8A: Uses understanding of place value to compose numbers between 11 and 20
20. Uses number concepts and operations f. Applies number combinations and mental number strategies in mathematical operations Level 8	Mathematics/Counting and Cardinality/Decomposing/Level 8A: Uses understanding of place value to decompose numbers between 11 and 20
20. Uses number concepts and operations f. Applies number combinations and mental number strategies in mathematical operations Level 8	Mathematics/Geometry/Composing Shapes/Level 8: Partitions shapes into simple shapes
21. Explores and describes spatial relationships and shapes a. Understands spatial relationships Level 2	Mathematics/Geometry/Spatial Relationships/Level 1: Follows simple directions related to position (in, on, off, over, and under)
21. Explores and describes spatial relationships and shapes a. Understands spatial relationships Level 4	Mathematics/Geometry/Spatial Relationships/Level 2: Follows simple directions related to direction (up and down)

21. Explores and describes spatial relationships and shapes a. Understands spatial relationships Level 4	Mathematics/Geometry/Spatial Relationships/Level 3: Follows simple directions related to proximity (beside, between, next to)
21. Explores and describes spatial relationships and shapes a. Understands spatial relationships Level 5	Mathematics/Geometry/Spatial Relationships/Level 4: Follows simple directions related to frames of reference (behind, left, right, in front of, to the side of, above, below)
21. Explores and describes spatial relationships and shapes a. Understands spatial relationships Level 5	Mathematics/Geometry/Spatial Relationships/Level 5: Appropriately responds to positional words indicating position, direction and distance
21. Explores and describes spatial relationships and shapes a. Understands spatial relationships Level 8	Mathematics/Geometry/Spatial Relationships/Level 6: Uses simple sketches, models, or maps to locate objects
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 2	Mathematics/Geometry/2D Shapes/Level 1: Matches two identical simple shapes (square, triangle, circle) that have the same size and orientation
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 2	Mathematics/Geometry/2D Shapes/Level 2: Matches two identical simple shapes (square, triangle, circle) that have different sizes and orientations
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 3	Mathematics/Geometry/2D Shapes/Level 7: Compares 2D shapes
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 4	Mathematics/Geometry/2D Shapes/Level 3: Names a circle, square, and triangle when shown a prototypical shape (e.g., an equilateral triangle, a square rotated 45 degrees, or an elongated rectangle)
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 4	Mathematics/Geometry/Composing Shapes/Level 6: Draws basic 2D shapes
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 5	Mathematics/Geometry/3D Shapes/Level 2: Identifies 3D shapes
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 5	Mathematics/Geometry/3D Shapes/Level 3: Matches common 3D shapes (cone, cylinder, cube, sphere) that have different sizes and orientations
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 6	Mathematics/Geometry/3D Shapes/Level 4: Given a 3D shape, identifies an object in the environment with that shape
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 6	Mathematics/Geometry/3D Shapes/Level 5: Distinguishes between 2D and 3D shapes
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 7	Mathematics/Geometry/2D Shapes/Level 4: Completes a pattern block puzzle by choosing the correct shapes to fit in each piece

21. Explores and describes spatial relationships and shapes b. Understands shapes Level 7	Mathematics/Geometry/2D Shapes/Level 5: Identifies what 2D shapes create the faces of 3D objects
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 7	Mathematics/Math Applications/Measurement/Level 3: Builds towers that are either shorter or taller than an object
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 8	Mathematics/Geometry/Spatial Relationships/Level 7: Understands that shapes remain the same when they are moved, turned, flipped, or slid
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 8	Mathematics/Geometry/Spatial Relationships/Level 8: Creates representations of shapes based on knowledge of defining attributes (e.g., number of sides, angles, etc.)
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 10	Mathematics/Geometry/2D Shapes/Level 6: Describes attributes of basic 2D shapes
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 10	Mathematics/Geometry/Composing Shapes/Level 7: Composes simple shapes to form larger shapes
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 10	Mathematics/Geometry/3D Shapes/Level 6: Describes attributes of basic three-dimensional shapes
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 11	Mathematics/Geometry/2D Shapes/Level 8: Identifies more complex shapes (pentagon, hexagon, rhombus, trapezoid, and oval)
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 12	Mathematics/Geometry/3D Shapes/Level 7: Identifies a 3D shape based on its attributes
21. Explores and describes spatial relationships and shapes b. Understands shapes Level 14	Mathematics/Geometry/3D Shapes/Level 8: Compares basic 3D shapes
22. Compares and measures a. Measures objects Level 2	Mathematics/Math Applications/Measurement/Level 2: Identifies the object that is longer, taller, or shorter
22. Compares and measures a. Measures objects Level 3	Mathematics/Math Applications/Measurement/Level 1: Orders up to three objects by length and height
22. Compares and measures a. Measures objects Level 4	Mathematics/Math Applications/Measurement/Level 4: Fills in containers with objects to compare volumes
22. Compares and measures a. Measures objects Level 5	Mathematics/Math Applications/Measurement/Level 5: Orders up to 10 objects by length and height

22. Compares and measures a. Measures objects Level 6	Mathematics/Math Applications/Measurement/Level 6: Indirectly compares the lengths of two objects by using a third object
22. Compares and measures a. Measures objects Level 7	Mathematics/Math Applications/Measurement/Level 7: Uses a nonstandard unit of measurement to measure and compare objects
22. Compares and measures a. Measures objects Level 12	Mathematics/Math Applications/Measurement/Level 8: Uses standard measurement tools to compare two objects
22. Compares and measures c. Represents and analyzes data Level 1	Mathematics/Counting and Cardinality/Ordinal Numbers/Level 1: Identifies the "first" object arranged in a line
22. Compares and measures c. Represents and analyzes data Level 2	Mathematics/Counting and Cardinality/Ordinal Numbers/Level 2: Identifies the "last" object arranged in a line
22. Compares and measures c. Represents and analyzes data Level 2	Mathematics/Counting and Cardinality/Ordinal Numbers/Level 3: Identifies the "first" and "second" object arranged in a line
22. Compares and measures c. Represents and analyzes data Level 2	Mathematics/Counting and Cardinality/Ordinal Numbers/Level 4: Identifies the position of the first, second, and last object arranged in a line
22. Compares and measures c. Represents and analyzes data Level 2	Mathematics/Counting and Cardinality/Ordinal Numbers/Level 5: Arranges up to four objects using knowledge of ordinal positions
22. Compares and measures c. Represents and analyzes data Level 3	Mathematics/Math Applications/Classification and Data/Level 6: Interprets simple picture graphs
22. Compares and measures c. Represents and analyzes data Level 5	Mathematics/Counting and Cardinality/Ordinal Numbers/Level 7: Identifies ordinal numbers "first" through "tenth"
22. Compares and measures c. Represents and analyzes data Level 5	Mathematics/Math Applications/Classification and Data/Level 7: Creates picture graphs with two categories
22. Compares and measures c. Represents and analyzes data Level 6	Mathematics/Counting and Cardinality/Ordinal Numbers/Level 6: Identifies ordinal numbers "first" through "fifth"
22. Compares and measures c. Represents and analyzes data Level 10	Mathematics/Math Applications/Classification and Data/Level 8: Compares and contrasts data points on simple graphs
23. Demonstrates knowledge of patterns	Mathematics/Operations and Algebraic Thinking/Patterns/Level 1: Copies ABAB patterns
23. Demonstrates knowledge of patterns	Mathematics/Operations and Algebraic Thinking/Patterns/Level 2: Fills in and extends ABAB patterns

23. Demonstrates knowledge of patterns	Mathematics/Operations and Algebraic Thinking/Patterns/Level 3: Creates simple repeating patterns
23. Demonstrates knowledge of patterns	Mathematics/Operations and Algebraic Thinking/Patterns/Level 4: Copies AABBA, ABCABC, and ABBABB patterns
23. Demonstrates knowledge of patterns	Mathematics/Operations and Algebraic Thinking/Patterns/Level 6: Creates varied repeating patterns
23. Demonstrates knowledge of patterns	Mathematics/Operations and Algebraic Thinking/Patterns/Level 7: Fills and extends in patterns involving numbers
23. Demonstrates knowledge of patterns	Mathematics/Operations and Algebraic Thinking/Patterns/Level 5: Extends and fills in missing parts of AABBA, ABCABC, and ABBABB patterns
23. Demonstrates knowledge of patterns	Mathematics/Operations & Algebraic Thinking/Patterns/Level 8B: Describes growing patterns
23. Demonstrates knowledge of patterns	Mathematics/Operations and Algebraic Thinking/Patterns/Level 8A: Creates patterns with numbers

## Science and Technology

TSG Objectives, Dimensions, and Levels	Ignite Domains, Strands Subdomains, and Skill Descriptors
24. Uses scientific inquiry skills	Science and Technology/Earth Science/Level 6: Demonstrates an understanding of how plants and animals (including humans) can change the environment to meet their needs
24. Uses scientific inquiry skills	Science and Technology/Earth Science/Level 8: Describes solutions that will reduce the impact that humans have on land, water, air, and/or other living things in the environment
24. Uses scientific inquiry skills	Science and Technology/Life Science/Level 3: Identifies the basic needs of living things (air, water, food, shelter)
24. Uses scientific inquiry skills	Science and Technology/Life Science/Level 4: Identifies how living things change over time
24. Uses scientific inquiry skills	Science and Technology/Life Science/Level 5: Identifies living things and their basic needs and how they grow and change over time
24. Uses scientific inquiry skills	Science and Technology/Life Science/Level 6: Classifies plants based on observable characteristics
24. Uses scientific inquiry skills	Science and Technology/Life Science/Level 7: Identifies basic parts of plants
24. Uses scientific inquiry skills	Science and Technology/Life Science/Level 8: Identifies interdependencies of living things
24. Uses scientific inquiry skills	Science and Technology/Physical Science/Level 1: Identifies the properties of natural and/or human-made material
24. Uses scientific inquiry skills	Science and Technology/Physical Science/Level 2: Identifies four of five senses and demonstrates an understanding of the texture of materials
24. Uses scientific inquiry skills	Science and Technology/Physical Science/Level 3: Identifies five senses and demonstrates an understanding of what our senses do
24. Uses scientific inquiry skills	Science and Technology/Physical Science/Level 4: Sorts, groups, or classifies objects based on one or more properties
24. Uses scientific inquiry skills	Science and Technology/Physical Science/Level 5: Identifies the effects magnets have on some items
24. Uses scientific inquiry skills	Science and Technology/Physical Science/Level 6: Classifies objects based on the way they move
24. Uses scientific inquiry skills	Science and Technology/Physical Science/Level 7: Classifies objects based on the type of energy they produce (light, heat, and sound)
24. Uses scientific inquiry skills	Science and Technology/Physical Science/Level 8: Predicts different effects of various amounts of force applied to stationary objects
24. Uses scientific inquiry skills	Science and Technology/Simple Tools and Technology/Level 1: Identifies simple tools
24. Uses scientific inquiry skills	Science and Technology/Simple Tools and Technology/Level 2: Demonstrates an understanding of the uses of simple tools in everyday life

24. Uses scientific inquiry skills	Science and Technology/Simple Tools and Technology/Level 3: Identifies simple science tools
24. Uses scientific inquiry skills	Science and Technology/Simple Tools and Technology/Level 4: Explores simple science tools and their uses
24. Uses scientific inquiry skills	Science and Technology/Simple Tools and Technology/Level 5: Demonstrates an understanding of the uses of simple science tools
24. Uses scientific inquiry skills	Science and Technology/Simple Tools and Technology/Level 6: Identifies an awareness that tools can be used effectively or ineffectively
24. Uses scientific inquiry skills	Science and Technology/Simple Tools and Technology/Level 7: Explores technology used for learning, adapting, and investigating
24. Uses scientific inquiry skills	Science and Technology/Simple Tools and Technology/Level 8: Explores technology used to solve problems, design solutions, or create something new
24. Uses scientific inquiry skills	Science and Technology/Engineering/Level 5: Identifies potential solutions to a problem
24. Uses scientific inquiry skills	Science and Technology/Engineering/Level 7: Demonstrates an understanding of how the shape of an object impacts the object's ability to solve a problem
24. Uses scientific inquiry skills	Social Studies/Self-Identity/Level 8B: Draws two pictures of themselves to show how they have changed over time
25. Demonstrates knowledge of the characteristics of living things	Science and Technology/Life Science/Level 1: Identifies at least one living thing
25. Demonstrates knowledge of the characteristics of living things	Science and Technology/Life Science/Level 2: Identifies at least three living things
25. Demonstrates knowledge of the characteristics of living things	Science and Technology/Life Science/Level 3: Identifies the basic needs of living things (air, water, food, shelter)
25. Demonstrates knowledge of the characteristics of living things	Science and Technology/Life Science/Level 4: Identifies how living things change over time
25. Demonstrates knowledge of the characteristics of living things	Science and Technology/Life Science/Level 5: Identifies living things and their basic needs and how they grow and change over time
25. Demonstrates knowledge of the characteristics of living things	Science and Technology/Life Science/Level 6: Classifies plants based on observable characteristics
25. Demonstrates knowledge of the characteristics of living things	Science and Technology/Life Science/Level 7: Identifies basic parts of plants
25. Demonstrates knowledge of the characteristics of living things	Science and Technology/Life Science/Level 8: Identifies interdependencies of living things
25. Demonstrates knowledge of the characteristics of living things	Science and Technology/Physical Science/Level 4: Sorts, groups, or classifies objects based on one or more properties
25. Demonstrates knowledge of the characteristics of living things	Social Studies/Community Awareness/Level 8B: Draws two pictures of themselves to show how they have changed over time
25. Demonstrates knowledge of the characteristics of living things	Social Studies/Global Connections/Level 8: Describes the connections between people and places around the globe



26. Demonstrates knowledge of the physical properties of objects and materials	Science and Technology/Physical Science/Level 1: Identifies the properties of natural and/or human-made material
26. Demonstrates knowledge of the physical properties of objects and materials	Science and Technology/Physical Science/Level 2: Identifies four of five senses and demonstrates an understanding of the texture of materials
26. Demonstrates knowledge of the physical properties of objects and materials	Science and Technology/Physical Science/Level 5: Identifies the effects magnets have on some items
26. Demonstrates knowledge of the physical properties of objects and materials	Science and Technology/Physical Science/Level 6: Classifies objects based on the way they move
26. Demonstrates knowledge of the physical properties of objects and materials	Science and Technology/Physical Science/Level 7: Classifies objects based on the type of energy they produce (light, heat, and sound)
26. Demonstrates knowledge of the physical properties of objects and materials	Science and Technology/Physical Science/Level 8: Predicts different effects of various amounts of force applied to stationary objects
27. Demonstrates knowledge of Earth's environment	Science and Technology/Earth Science/Level 1: Identifies materials in the environment
27. Demonstrates knowledge of Earth's environment	Science and Technology/Earth Science/Level 2: Identifies changes and properties in the Earth's environment
27. Demonstrates knowledge of Earth's environment	Science and Technology/Earth Science/Level 3: Analyzes patterns in weather and the effects of weather on the Earth's environment
27. Demonstrates knowledge of Earth's environment	Science and Technology/Earth Science/Level 4: Evaluates changes to the Earth's environment
27. Demonstrates knowledge of Earth's environment	Science and Technology/Earth Science/Level 5: Demonstrates an understanding of the importance of caring for the environment
28. Uses tools and other technology to perform tasks	Science and Technology/Simple Tools and Technology/Level 1: Identifies simple tools
28. Uses tools and other technology to perform tasks	Science and Technology/Simple Tools and Technology/Level 2: Demonstrates an understanding of the uses of simple tools in everyday life
28. Uses tools and other technology to perform tasks	Science and Technology/Simple Tools and Technology/Level 3: Identifies simple science tools
28. Uses tools and other technology to perform tasks	Science and Technology/Simple Tools and Technology/Level 4: Explores simple science tools and their uses
28. Uses tools and other technology to perform tasks	Science and Technology/Simple Tools and Technology/Level 5: Demonstrates an understanding of the uses of simple science tools
28. Uses tools and other technology to perform tasks	Science and Technology/Simple Tools and Technology/Level 6: Identifies an awareness that tools can be used effectively or ineffectively
28. Uses tools and other technology to perform tasks	Science and Technology/Simple Tools and Technology/Level 7: Explores technology used for learning, adapting, and investigating
28. Uses tools and other technology to perform tasks	Science and Technology/Simple Tools and Technology/Level 8: Explores technology used to solve problems, design solutions, or create something new

## Social Studies

TSG Objectives, Dimensions, and Levels	Ignite Domains, Strands Subdomains, and Skill Descriptors
29. Demonstrates knowledge about self	Social Studies/Self-Identity/Level 5: Draws a self-portrait with at least one characteristic or interest included
29. Demonstrates knowledge about self	Science and Technology/Physical Science/Level 3: Identifies five senses and demonstrates an understanding of what our senses do
29. Demonstrates knowledge about self	Physical Development/Self-Care/Level 2: Identifies basic processes for self-care (handwashing, feeding, and toileting)
29. Demonstrates knowledge about self	Physical Development/Self-Care/Level 5: Demonstrates an understanding of daily routine and self-care processes
29. Demonstrates knowledge about self	Physical Development/Self-Care/Level 6: Explores relaxing self-care activities
29. Demonstrates knowledge about self	Physical Development/Self-Care/Level 7: Practices deep breathing and reciting positive affirmations
29. Demonstrates knowledge about self	Physical Development/Nutrition/Level 1: Identifies a variety of nutritious foods
29. Demonstrates knowledge about self	Physical Development/Nutrition/Level 2: Identifies healthy versus unhealthy foods
29. Demonstrates knowledge about self	Physical Development/Nutrition/Level 3: Creates a healthy breakfast menu
29. Demonstrates knowledge about self	Physical Development/Nutrition/Level 6: Distinguishes between fruits and vegetables
29. Demonstrates knowledge about self	Physical Development/Nutrition/Level 7: Distinguishes between dairy, protein, and grains
29. Demonstrates knowledge about self	Physical Development/Nutrition/Level 8: Builds a balanced plate
29. Demonstrates knowledge about self	Physical Development/Health and Safety/Level 1: Demonstrates an understanding of personal safety practices and routines
29. Demonstrates knowledge about self	Physical Development/Health and Safety/Level 2: Identifies ways to play safely
29. Demonstrates knowledge about self	Physical Development/Health and Safety/Level 5: Identifies, avoids, and alerts others to danger
29. Demonstrates knowledge about self	Social Studies/Self-Identity/Level 1: Draws a self-portrait
29. Demonstrates knowledge about self	Social Studies/Self-Identity/Level 2: Draws a picture of their home
29. Demonstrates knowledge about self	Social Studies/Self-Identity/Level 3: Draws a picture that resembles their family
29. Demonstrates knowledge about self	Social Studies/Self-Identity/Level 4: Identifies various characteristics and interests that appeal to themselves
29. Demonstrates knowledge about self	Social Studies/Self-Identity/Level 6: Draws a picture resembling their family, including interests or traditions of the family
29. Demonstrates knowledge about self	Social Studies/Self-Identity/Level 7: Draws a picture of their home that includes family-specific details

29. Demonstrates knowledge about self	Social Studies/Self-Identity/Level 8A: Draws a picture of themselves engaged in an activity, tradition, sport, or hobby
30. Shows basic understanding of people and how they live	Social Studies/Self-Identity/Level 4: Identifies various characteristics and interests that appeal to themselves
30. Shows basic understanding of people and how they live	Social Studies/Self-Identity/Level 6: Draws a picture resembling their family, including interests or traditions of the family
30. Shows basic understanding of people and how they live	Social Studies/Self-Identity/Level 7: Draws a picture of their home that includes family-specific details
30. Shows basic understanding of people and how they live	Social Studies/Community Awareness/Level 1: Draws a picture of a neighborhood
30. Shows basic understanding of people and how they live	Social Studies/Community Awareness/Level 2: Identifies characteristics of a neighborhood
30. Shows basic understanding of people and how they live	Social Studies/Community Awareness/Level 3: Shows an understanding of how places and things within a neighborhood are commonly utilized
30. Shows basic understanding of people and how they live	Social Studies/Community Awareness/Level 4: Demonstrates an understanding of physical features of neighborhoods/communities
30. Shows basic understanding of people and how they live	Social Studies/Community Awareness/Level 5: Identify community helpers (within a community/neighborhood)
30. Shows basic understanding of people and how they live	Social Studies/Community Awareness/Level 6: Explores ways to help community helpers do their work in the community
30. Shows basic understanding of people and how they live	Social Studies/Community Awareness/Level 7: Explores ways to build community relationships
30. Shows basic understanding of people and how they live	Social Studies/Community Awareness/Level 8A: Explores ways to help those in need
30. Shows basic understanding of people and how they live	Social Studies/Economics/Level 8: Demonstrates an understanding of the production, distribution, and consumption of goods and services in their school and community
32. Demonstrates simple geographic knowledge	Social Studies/Civics & Citizenship/Level 8: Identifies actions that could improve life in their school, community, and beyond
32. Demonstrates simple geographic knowledge	Social Studies/Community Awareness/Level 4: Demonstrates an understanding of physical features of neighborhoods/communities

## The Arts

TSG Objectives, Dimensions, and Levels	Ignite Domains, Strands Subdomains, and Skill Descriptors
33. Explores the visual arts	Social Studies/Self-Identity/Level 1: Draws a self-portrait
33. Explores the visual arts	Social Studies/Self-Identity/Level 2: Draws a picture of their home
33. Explores the visual arts	Social Studies/Self-Identity/Level 3: Draws a picture that resembles their family
33. Explores the visual arts	Social Studies/Self-Identity/Level 5: Draws a self-portrait with at least one characteristic or interest included
33. Explores the visual arts	Social Studies/Self-Identity/Level 6: Draws a picture resembling their family, including interests or traditions of the family
33. Explores the visual arts	Social Studies/Self-Identity/Level 7: Draws a picture of their home that includes family-specific details
33. Explores the visual arts	Social Studies/Self-Identity/Level 8A: Draws a picture of themselves engaged in an activity, tradition, sport, or hobby